



BLUE OX®

Baseplate Installation Instructions

BX1845 2010-12 Nissan Versa Installation Instructions

Serial Number

Please read BOTH these Installation Instructions and the General Towing Instructions before attempting to install or operate this equipment.

- Blue Ox® towing products and accessories are intended to be installed by Blue Ox® Dealers who are familiar with our products and have the equipment and knowledge to do "fit work". When necessary, Blue Ox® Dealers can be found at www.blueox.com or by contacting our Customer Care Department at (402) 385-3051.
- Many Blue Ox® Baseplates are designed to use existing holes and hardware to mount the baseplate to the towed vehicle. Even though bolts are there, do not assume they are adequate for baseplate mounting. Always use hardware supplied in the hardware kit or existing hardware specified in the Baseplate Installation Instructions.

Attachment Tab Height: 14"
Attachment Tab Width: 26"

Bolt Torque Specifications
Torque in Foot-Pounds for Metric Bolts

Bolt Size	Grade 8.8	Grade 10.9
6MM	6	8
8MM	16	22
10MM	31	40
12MM	54	70
14MM	89	117

Confirm the towability and pre-towing procedures for your vehicle with the owner's manual or contact the vehicle's manufacturer for specific towing procedures.

Bolt Torque Specifications
Torque in Foot-Pounds for Inch Bolts

Bolt Size	Grade 5	Grade 8
1/4"	10	14
5/16"	19	29
3/8"	33	47
7/16"	54	78
1/2"	78	119
5/8"	154	230



If the front of your vehicle looks different than this, call us at (402) 385-3051.

! WARNING

Failure to read and follow these instructions could result in separation of the towed vehicle from the tow bar, causing property damage, loss of towed vehicle, personal injury or death.

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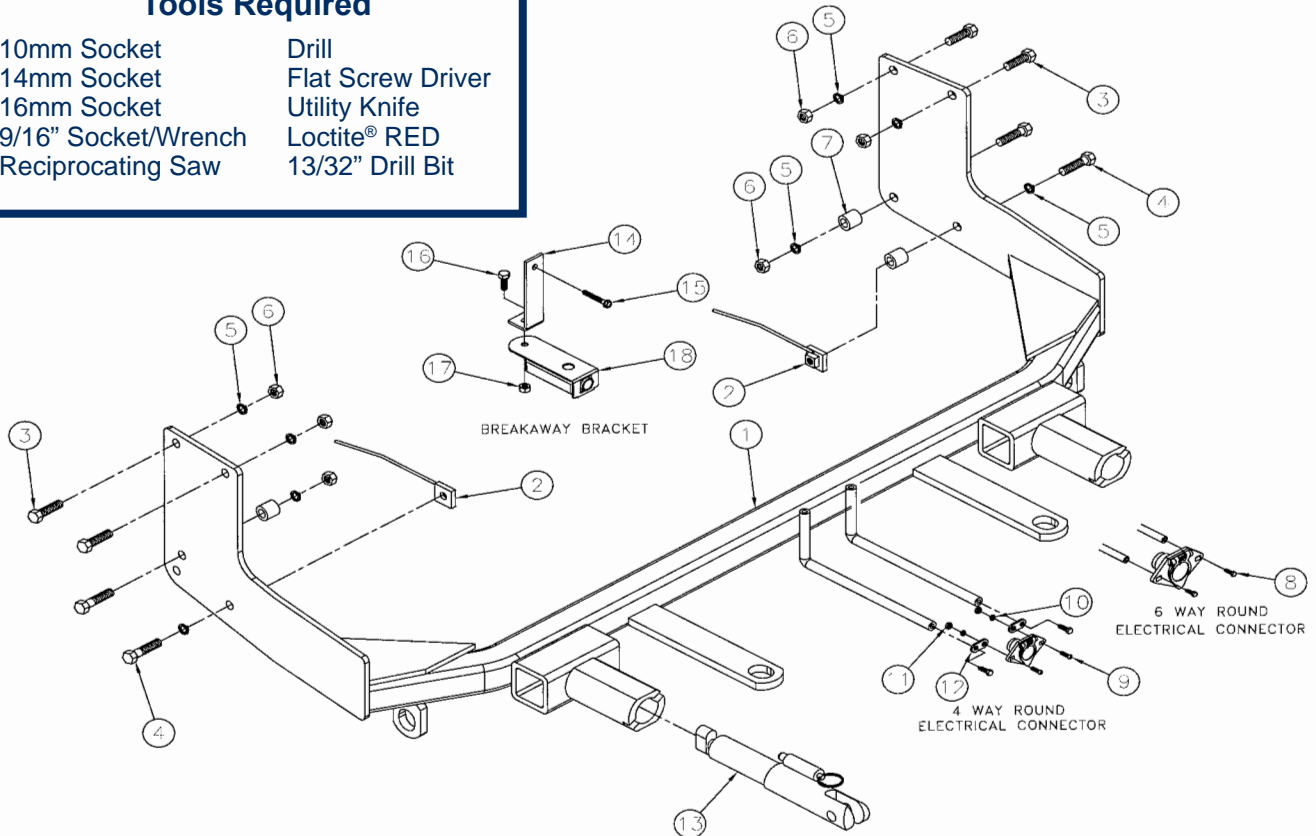
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Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-6734	Weldment, Baseplate, BX1845
2	2	61-5208	3/8-16 Nut Plate, with 14" Wire
3	4	201-0368	3/8-16 X 1 1/4" Hex Head Bolt, Grd. 5, ZP
4	4	201-0440	3/8-16 X 1 1/2 Hex Bolt, Grd. 5, ZP
5	8	203-0010	3/8 Lock Washer, ZP
6	6	202-0003	3/8-16 Hex Nut, ZP
7	3	107-1753	Spacer Tube, 3/4 OD X .406 ID X 3/4"
8	2	201-0553	1/4-20 X 1/2" Hx. Wshd, Type F TCS, ZP
9	2	201-0192	#10-32 X 1/2 Slot, Rd. Hd. Screw
10	2	203-0054	#10 Lock Washer
11	2	202-0047	#10-32 Hex Nut
12	2	101-5822	Adapter, 4 Way Connector
13	2	62-3469	Attachment, Assembly, SF/LB (R)
14	1	102-7186	Breakaway Bracket
15	1	201-0654	#10-16 X 1 Self Drilling Screw
16	1	201-0050	1/4-20 X 3/4 Hex Bolt Grd.5, ZP
17	1	202-0102	1/4-20 Hex Nyl Nut, ZP
18	1	293-1339	Switch, Breakaway (Not Provided)
	2	290-0437	Receiver Cap Plug, Black (Not Shown)
	2	229-0359	Quick Link, 3/8" ZP (Not Shown)
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not Shown)

Tools Required

10mm Socket	Drill
14mm Socket	Flat Screw Driver
16mm Socket	Utility Knife
9/16" Socket/Wrench	Loctite® RED
Reciprocating Saw	13/32" Drill Bit



Important:

Use only genuine factory replacement parts on your baseplate. Do **NOT** substitute homemade or non-typical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your baseplate, be sure to use a replacement bolt of the same grade (In most cases it will be Grade 5, please reference the parts list above). Replacement parts may be ordered through your nearest Blue Ox® Dealer or Distributor. Failing to follow and/or altering these installation instructions in either installation or required equipment will void the manufacturer's warranty.

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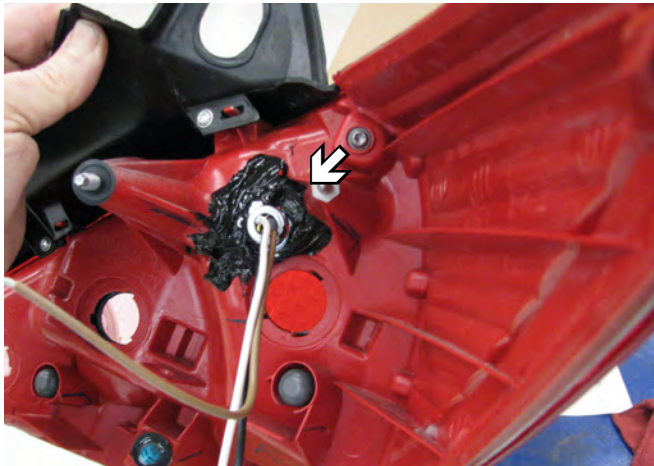
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Attachment Tabs: Due to the design of the removable tabs, the RangeFinderII and Ambassador tow bars can not be used. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

Installation Notes: The radiator cover, fascia, styrofoam bumper, washer reservoir, metal bumper and headlights are removed for installation. Trimming of the air dams and frame rail webbing is required. Drilling is required.

The dimensional variations between otherwise identical vehicles can be considerable. While the baseplate was designed for easy installation, it may be necessary to tailor the baseplate slightly to compensate for auto manufacturer's tolerances. These minor adjustments may include filing a hole slightly, bending electrical rods or bending end plates.

The BX8869 Bulb and Socket Wiring Kit is recommended for this vehicle.

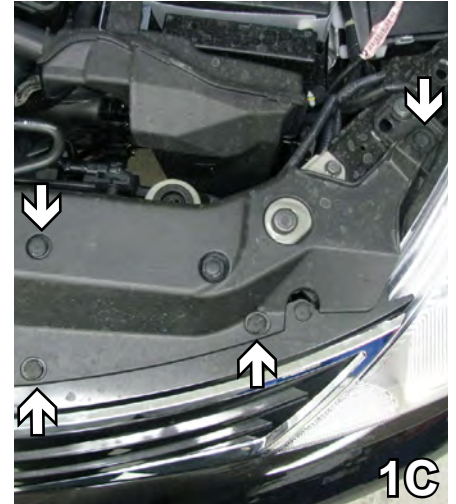
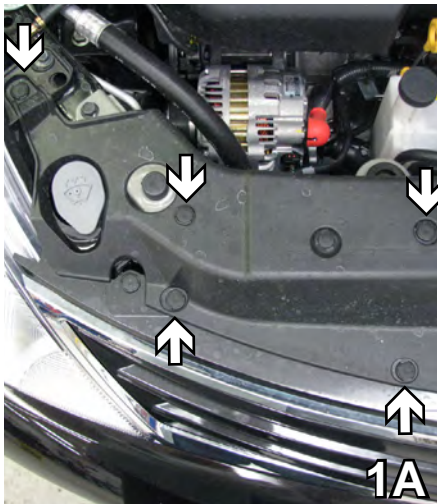


Handling of some cosmetic parts when installing this product may require the use of protective covers, rags, specialty tools, etc. to prevent damage.

Do not use the towed vehicle for storing luggage, equipment, etc. This may cause you to exceed the towing capacity of the tow bar, baseplate, and its accessories.

Possible location for the Bulb and Socket Wiring Kit (BX8869).

Installation Instructions:



1. Remove 11 pushpins from the top of radiator cover. Lift radiator cover to remove. Set pushpins and radiator cover aside to be reinstalled later.

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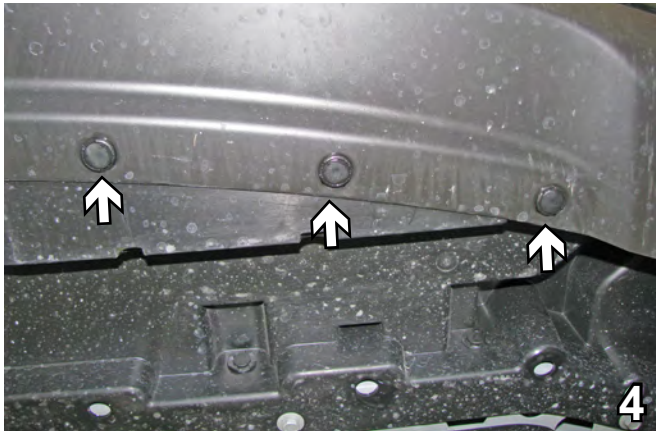
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2. Remove two pushpins from the top of the fascia. Do this on both sides of the vehicle. Set pushpins aside to be reinstalled later.



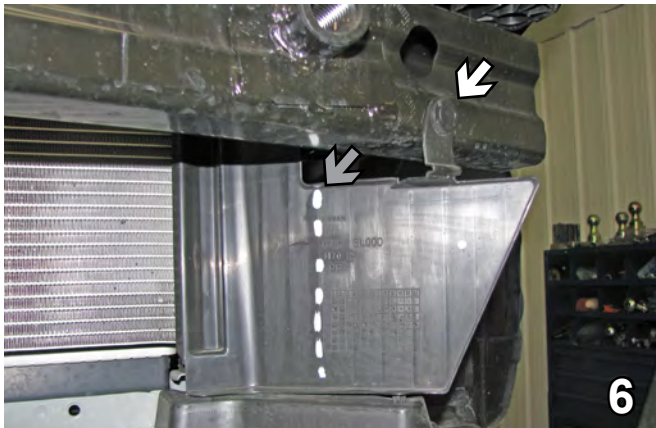
3. Remove three metric bolts from the lower corner of fascia using the 10mm socket. To remove the bolt just forward of the front tire, push fascia corner - where it meets bolt - out and then forward. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.



4. Remove three pushpins from the lower front edge of fascia. Do this to both sides of the vehicle. Set pushpins aside to be reinstalled later.



5. Push wheel well cover aside to remove one metric bolt using the 10mm socket. Do this to both sides of the vehicle. Pull fascia forward to remove. Pull styrofoam bumper forward to remove from front of metal bumper. Set fascia, styrofoam bumper and bolts aside carefully to be reinstalled later.

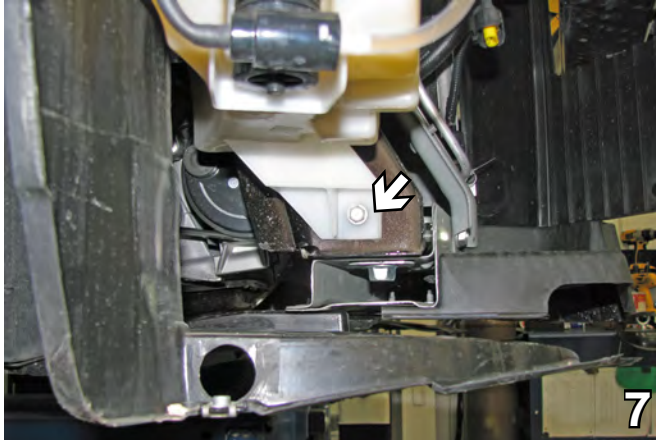


6. Remove one pushpin from metal bumper securing the air dam (white arrow). Using the utility knife, start cutting the air dam at the bottom of the tab (grey arrow). Cut to the bottom of the air dam. Remove cut portion of air dam. Pushpin will not be reinstalled. Do this on both sides of the vehicle.

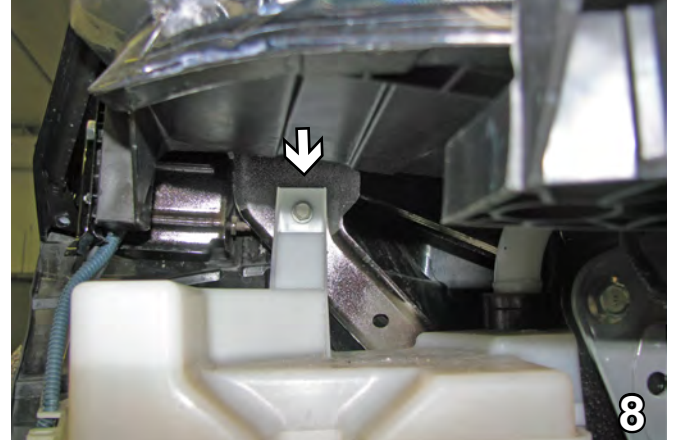
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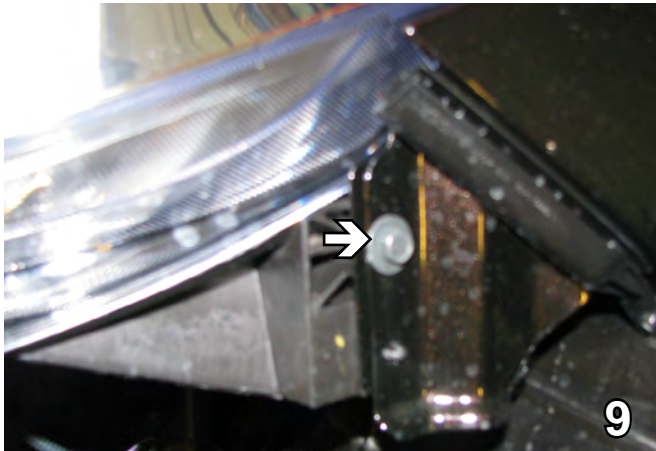
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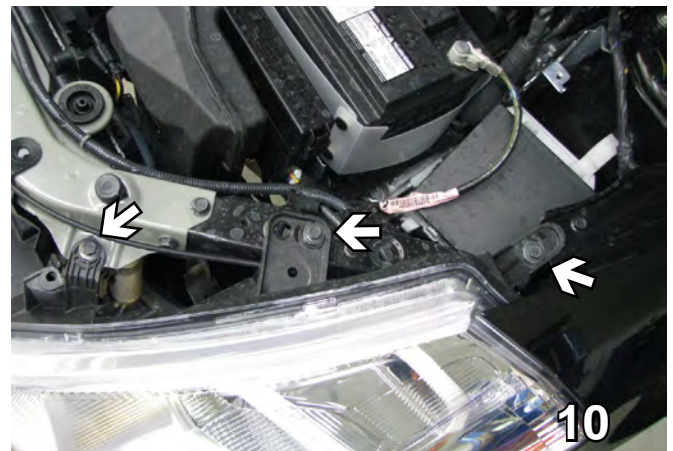
7. On the passenger's side, disconnect electrical connection from the washer reservoir. Disconnect and plug the reservoir. Remove one metric bolt from the reservoir's lower bracket using the 10mm socket. Set the bolt aside to be reinstalled later.



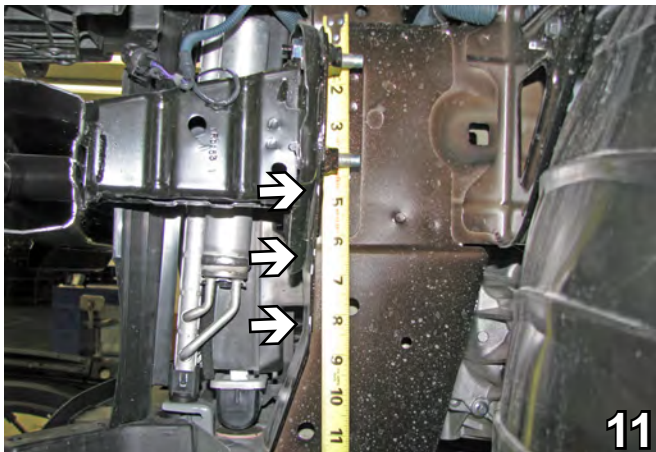
8. Remove one metric bolt from the washer reservoir's upper bracket underneath the headlight (white arrow) using the 10mm socket. Disconnect the fill tube from the top of reservoir. Remove washer reservoir. Set bolts and reservoir aside to be reinstalled later.



9. Using the 10MM socket, remove one bolt from the side of the headlight underneath the running light. Do this on both sides of the vehicle. Set the bolt aside to be reinstalled later.



10. Using the 10mm socket, remove three bolts from the top of the headlight. Do this on both sides of the vehicle. Set the bolts and the headlight aside to be reinstalled later.

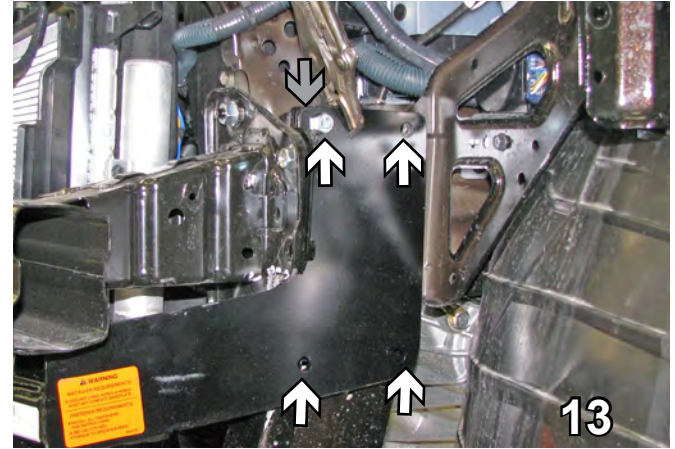
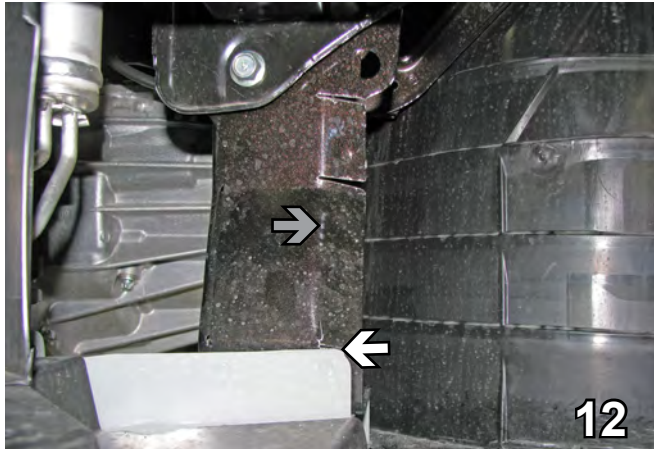


11. Mark the frame rail webbing 5", 6 1/2" and 8 3/4" from the top of the frame rail. Using the reciprocating saw, cut the webbing to the frame rail (the top cut goes through bumper bracket also). Cut and remove the upper section of webbing. Flatten the lower cut webbing section flush against the frame rail with hammer. Do this on both sides.

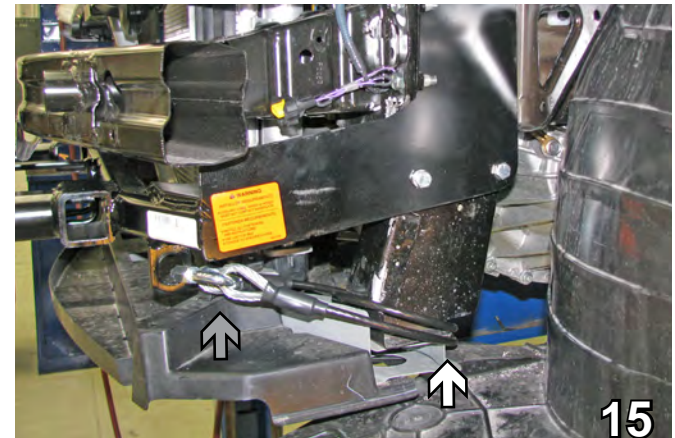
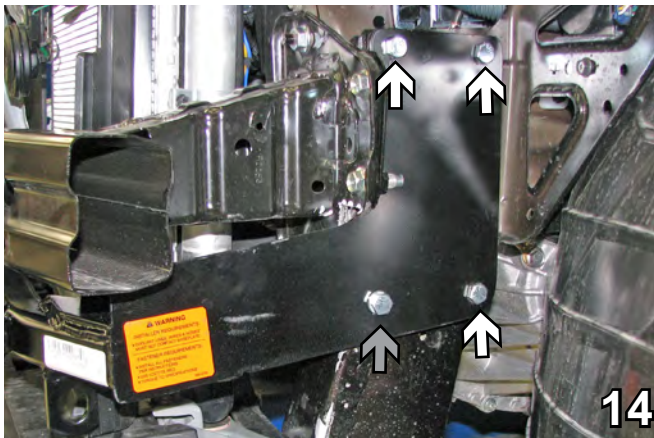
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12. Cut the lower portion of webbing where it begins to angle down (see white arrow). Using the reciprocating saw, just cut from the webbing of the frame rail. Flatten this section (above the cut, not below it) flush against the frame rail (see grey arrow) with hammer. Do this to both sides of the vehicle.
13. Align the top front edge of the baseplate with the top of the frame rail (see grey arrow) and pull the baseplate as far forward as possible. The top back edge of baseplate will dip slightly below the top of the frame rail. Clamp baseplate into place using the vise grips. Use the baseplate as a template to drill four holes (see white arrows) into the frame rail with the 13/32" drill bit. Do this to both sides of the vehicle.



14. In the upper holes, install 3/8-16 x 1 1/4" bolts with 3/8" lock washers, 3/8-16 hex nuts and tighten. Insert one 3/8-16 nut plate through frame opening and align to lower front hole. On the driver side also include a 3/4" spacer. Install 3/8-16 x 1 1/2" bolt with 3/8" lock washer and tighten (see grey arrow). Install 3/8-16 x 1 1/2" bolt to lower back hole (see white arrow) with 3/4" spacer, 3/8" lock washer and 3/8-16 hex nut and tighten. Be sure to use Loctite on all the bolts. Do this on both sides of the vehicle.
15. Attach the permanent baseplate safety cables to the provided convenience link on the baseplate (see grey arrow). The photo above shows the recommended installation of the cables to frame of vehicle (see white arrow). Additional options may interfere with suggested mounting; in this case secure the cables to a solid piece of the frame as described in the instructions included with the permanent baseplate safety cables. Be sure the safety cables do not rub against any hoses or moving parts. Do this to both sides of the vehicle.

BE SURE TO USE LOCTITE® RED ON ALL BOLTS BEFORE TIGHTENING. TIGHTEN ALL BOLTS ACCORDING TO THE TORQUE CHART ON THE FRONT PAGE OF THESE INSTRUCTIONS OR ON PAGE 3 OF THE BASEPLATE TOWING GENERAL INSTRUCTIONS.

When using power drills be aware of the dangers of torque and drill bit length.

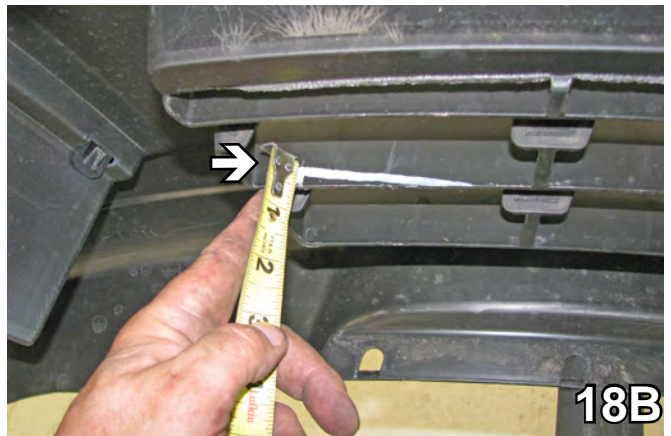
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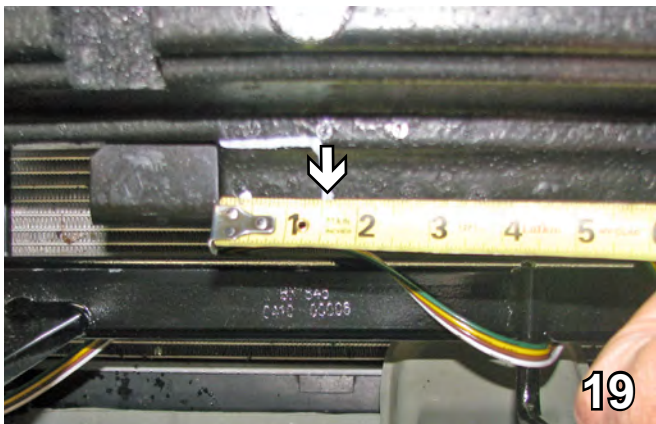
16. Reinstall the washer reservoir. Reconnect the electrical connection and the tubes.



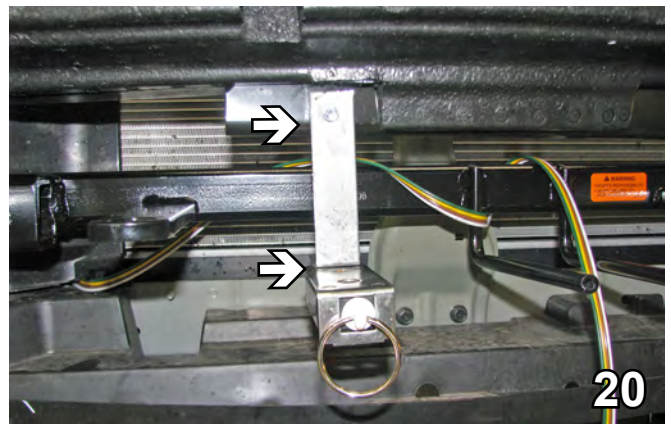
17. Reinstall the headlights.



18. On the backside of the fascia, trim the outside middle rib. From the outside edge go in 3/4", cut 1/2" up into the rib. Cut straight across tapered to the inside edge of the rib, 3". Do this on both ends of the fascia.



19. Measure over 1 1/2" on the tab under the bumper.



20. Install the bracket to the bumper tab with 10-16 x 1" self drilling screw. Attach the breakaway to the bracket with 1/4-20 x 3/4" bolts and 1/4-20 hex nut.

21. Reinstall the styrofoam bumper, fascia, radiator cover, pushpins and bolts.

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Install the tow bar and safety cables according to the instructions provided in their packages. When demonstrating this to the customer, be sure to include all the contents and packages.

Do **NOT** substitute other devices if the tow bar pins and clips are misplaced.

DEALER or INSTALLER:
Be certain the user receives the
instruction sheets for their products.

Be sure that **ALL** electrical connections
are plugged in properly and functioning
BEFORE installing the fascia.



2010 - Shown without removable tabs installed



2011 - Shown with removable tabs installed

CUSTOMER SERVICE COMMITMENT

Blue Ox is committed to providing you with exceptional customer care throughout your lifetime with our products. Our team is here to assist you with any questions you may have regarding the performance of your product. Simply call (402) 385-3051 and you can speak with our customer care team.

Additionally, please visit our website to see which rallies our Destination America team will be attending. For a nominal fee, our service technician will service your towing system to ensure it's in proper working condition. Also as a commitment to our customers, should you visit our factory you can stay at our full service Blue Ox campground at no charge along with enjoying a factory tour.

Again thank you for being our customer and for the confidence you have shown in the performance of our products. It is because of customers like you we enjoy the success we have today.

If the baseplate is in an accident, it must be replaced. DO NOT use it again! An accident can cause unseen damage and using it again could result in more damage or serious injury. DO NOT use the baseplate if it is damaged or missing parts.



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